

IN THE CLAIMS:

The text of all pending claims (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claim 3 and ADD new claims 11-12 in accordance with the following:

1. (original) A polyolefin resin composition comprising modified layered silicate, modified polyolefin resin and polyolefin resin, wherein the modified polyolefin resin has a carboxylic acid modification degree (Pc1) of 0.030 to 0.100, which is obtained from infrared absorption spectrum using Equation (1), and a hydrogen bonding carboxyl modification degree (PcH) of 0.80 or more, which is obtained using Equation (2).

$$\text{Pc1} = \text{ICO3}/\text{ICH}_2 \quad (1)$$

$$\text{PcH} = \text{ICO2}/(\text{ICO1} + \text{ICO2}) \quad (2)$$

wherein

ICH_2 : Infrared absorption peak at 2920 cm^{-1}

ICO1 : Infrared absorption peak at 1780 to 1790 cm^{-1}

ICO2 : Infrared absorption peak at 1710 to 1720 cm^{-1}

ICO3 : $\text{ICO1} + \text{ICO2}$

2. (original) The polyolefin resin composition according to claim 1, wherein a composition mass ratio of the modified layered silicate/the modified polyolefin resin/the polyolefin resin is $0.01\text{-}40/0.1\text{-}50/50\text{-}99.89$.

3. (currently amended) The polyolefin resin composition according to either of claims 1 and or 2, wherein the modified layered silicate is prepared by interlayer insertion process comprising inserting a non-ionic surfactant into the interlayer spaces of the layered silicate.

4. (previously presented) The polyolefin resin composition according to claim 1, wherein the polyolefin resin is a polyethylene resin.

5. (previously presented) A process for preparing the polyolefin resin composition according to claim 1, which process comprises melt compounding the modified layered silicate, the modified polyolefin resin and the polyolefin resin.

6. (previously presented) The polyolefin resin composition according to claim 2, wherein the polyolefin resin is a polyethylene resin.

7. (previously presented) The polyolefin resin composition according to claim 3, wherein the polyolefin resin is a polyethylene resin.

8. (previously presented) A process for preparing the polyolefin resin composition according to claim 2, which process comprises melt compounding the modified layered silicate, the modified polyolefin resin and the polyolefin resin.

9. (previously presented) A process for preparing the polyolefin resin composition according to claim 3, which process comprises melt compounding the modified layered silicate, the modified polyolefin resin and the polyolefin resin.

10. (previously presented) A process for preparing the polyolefin resin composition according to claim 4, which process comprises melt compounding the modified layered silicate, the modified polyolefin resin and the polyolefin resin.

11. (new) The polyolefin resin composition according to claim 1, wherein the modified polyolefin resin is a modified polyolefin having a carboxyl group.

12. (new) The polyolefin resin composition according to claim 1, wherein the modified polyolefin resin is a maleic acid modified polyolefin.